|  |  |  |  |
| --- | --- | --- | --- |
| Mr. Michael T. Davis  WLPCS Calculus | | Section 3.3 Derivative Rules Practice HW  December 15, 2017 | |
| Name: | |

1. Find  for the function 
2. Find  for the function 
3. Find  for the function 
4. Find  for the function 
5. Find  for the function 
6. Find  for the function 
7. Find  for the function 
8. Find  for the function 
9. Find  for the function 
10. Find  for the function 
11. Find  for the function 
12. Given that the two functions  and  are differentiable at  and , , , and . Find the values of the following derivatives at .

a. 

b. 

1. Write an equation for the line tangent to the graph of  at .